



Standard	IEC 60034
Area	Safe Area
Type	TCA 160MC02
Poles	2 pole
Frame size	160M
Material	Cast iron frame
Environment conditions	-20 °C to +40 °C, up to 1000 m above sea level
Voltage	400/690V 50Hz, 460VY 60Hz

	at 50Hz	at 60Hz*	at 60Hz**	
Output	15. kW	15. kW	17.3 kW	*Nominal (50Hz) Output
Speed	2955 rpm	3560 rpm	3553 rpm	**Increased (60Hz) Output
Current at 380V 50Hz	27.8 A	n/a	n/a	
Current at 400V 50Hz	26.4 A	n/a	n/a	
Current at 415V 50Hz	25.5 A	n/a	n/a	
Current at 460V 60Hz	n/a	23.4 A	26.3 A	
Efficiency class	IE3	IE3	IE3	
Efficiency at 100% load	91.9%	91.0%	91.7%	
Efficiency at 75% load	91.9%	91.0%	91.7%	
Efficiency at 50% load	91.5%	90.6%	91.4%	
Power factor (cos fi)	0.89	0.89	0.90	
Torque	48.2 Nm	40. Nm	46.5 Nm	
Starting current [ratio]	8.2	9.3	8.3	
Starting torque [ratio]	2.4	2.7	2.3	
Breakdown torque [ratio]	3.5	4.0	3.4	
Insulation class	F (155 °C)/ temperature rise B (80K)			
Protection	IP55			
Weight	150. kg			
Available Mounting	B3; B5; B3/B5; B14A; B3/B14A; V1			
Thermal Protection	3x PTCs			
Moment of Inertia	0.0784 kg.m²			

